



Execution of Regular Do Loops on Asynchronous Multiprocessors (Classic Reprint) (Paperback)

By Pei Ouyang

Forgotten Books, 2018. Paperback. Condition: New. Language: English . Brand New Book ***** Print on Demand *****.Excerpt from Execution of Regular Do Loops on Asynchronous Multiprocessors The associated iteration space is x and the associated dependence vectors are and In figure 1, the iteration space is represented by a 17×17 grid. All the iterations shown in figure 1(a) by D s are initial iterations, and all the iterations shown in figure 1(h) by O s can be at ready state simultaneously. Note that the number of o s in figure 1(h) is also the maximum number of ready iterations at any instances during the execution. Finally, also shown in figure 1(h) by a dashed line is one of the DO loop s longest paths, which have the length equal to 8. Now let us give an overview of our execution scheme. The execution scheme uses the following three pools to store iterations. About the Publisher Forgotten Books publishes hundreds of thousands of rare and classic books. Find more at This book is a reproduction of an important historical work. Forgotten Books uses state-of-the-art technology to digitally reconstruct the work, preserving the original format whilst repairing imperfections present in...



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